

- Cytochromes P450, 111
Cytokines, 39
- Daphnia magna*, 327, 437
DbcAMP, 449
DCNB, 141
DDD, 689
Delena cancerides, 639
Deltamethrin, 351
Dialysed serotonergic neurons, 419
Diamide, 395, 495
Dibutyl cAMP, 211
Dicentrarchus labrax, 371
Diflubenzuron, 705, 711
³H-Dihydroalprenolol, 725
5,6-Dihydroxytryptamine, 419
Diltiazem, 573
Dipeptidylcarboxypeptidases, 229
Dismutase, 415
DMPP, 449
Dopamine, 63, 275, 457, 699
Dopaminergic system, 597
DPC, 449
Drosophila melanogaster, 11
- Eggshell gland mucosa, 389
Eicosapentaenoate, 211
Eicosapentaenoyl, 151
Eisenia andrei, 753
Eisenia fetida andrei, 255
Electrogenic ion transport, 449
Endosulfan, 437
 δ -Endotoxin, 403
Epinephrine, 59, 63, 367, 457
Eremobates palpisetulosus, 699
Eremorhax magnus, 699
Eriophora transmarina, 639
EROD, 141
Eserine, 643
Estrous cycle, 473
Ethoxyresorufin-O-deethylase, 343
Eucladidius tribuloides, 643
- Fasciola gigantica*, 805
Fasciola hepatica, 805
FCCP, 705
Feeding behavior, 327
Fenfluramine, 321
Ferrous iron, 629, 635
FMRF-amide, 49, 517
FMRFa, 567
Food intake, 597
- GABA, 49, 301, 699
Gallus domesticus, 59
Gambierdiscus toxicus, 757
Gambiertoxin-4A, 615
Gasterosteus aculeatus, 71
Gastric pH, 367
Gastrin, 367
GGT, 237
Glu, 699
L-Glutamate, 671
Glutathione peroxidase, 409
Gly, 699
GPFG-8, 261
GPFG-9, 261
GSH, 809
GSH-peroxidase, 809
GSSG-reductase, 809
GST, 141, 237, 753
Guanfacin, 443
- Haemodynamics, 443
Haemoglobin, 467
Halocynthia roretzi, 151
Harderian gland, 189
Heavy-metal adaptation, 11
Helix pomatia, 93, 419
Hematological effects, 285
Heparin, 221
Hepatic function, 757
Hepatocyte culture, 649
Hepatocytes, 237, 797
Hexamethonium, 337
Hg²⁺, 655
Histamine receptor, 503
Histidine, 403
5-HT, 49, 479
Hydrocortisone, 211
Hydroxyl free radical, 635
5-Hydroxytryptamine, 63, 275, 321
Hypertensive agent, 315
Hypohydration, 463
Hypovolemia, 463
- Ictalurus* species, 773
Ileal smooth muscle, 79
Insect neuropeptides, 295
Insecticidal potency, 119
Insulin, 567
Intestinal endocrine cells, 509
Iron-overload, 429
Isopoda immanis, 639
Isopoda vasta, 639
Isoproterenol, 59, 249
Isosafrole, 343
Isostichopus badionotus, 573
Isotoma notabilis, 11
- KNEFIRFamide, 49
Kynurenine, 63
KYur-14, 269
- Lampona cylindrata*, 639
LDH, 739
LDH isozyme, 773
Lead, 769
Lectins, 255
Leech, 49
Lepidosiren paradoxa, 523
Leucine enkephalin, 229
Leucokinin, 517
Leucomyosuppressin, 671
Leucophaea maderae, 517, 671, 679
Leucopyrokinin, 679
 α -Linolenate, 211
Locomotor activity, 597
Locusta migratoria, 103, 351, 503
Locustapyrokinin II, 103
LTB₄, 39
Lucilia cuprina, 11

- LY-53857, 321
Lycosa godeffroyi, 639
Lymnaea stagnalis, 93, 179
 Lysine, 403
 Lysophosphatidylinositols, 151
- Malonaldehyde, 415
Mamestra brassica, 141
Manduca sexta, 111, 275
 MeACh, 643
 α,β -MeATP, 71
Meleagris gallapavo, 59
 Melano-macrophages, 717
 Melanotropin, 523
 Melatonin, 189
 Mercuric chloride, 717
 Mercury, 131
 Mercury clearance, 717
Meretrix lusoria, 131
 2-MeSATP, 71
 Met-enkephalin, 93, 179
 Metal speciation, 585
 Metergoline, 555
 Methiodide, 269
 Methionine-enkephalin, 567
 Methoxychlor, 119
 3-Methylcholanthrene, 241, 753
 α,β -Methylene-ATP, 79
 Methylmercury, 585, 769
 Mianserin, 555
 ^3H -Mianserin binding site, 503
 MIP₆, 261
 MIP₇, 261
 Mn²⁺, 195
 Monoamine oxidase, 479
 MS-222, 549
 Mucus, 717
Mus musculus, 141
 Myocardium, 635
Mytilus edulis, 261
Mytilus galloprovincialis, 655
- N*- β -Alanyldopamine, 275
 Na excretion, 315
 NADPH oxidation, 285
 [^3H]NAGA, 711
 L-NAME, 383
Namea salanitri, 639
 β -Naphthoflavone, 343
 NAT, 189
 NE, 155
 Nematode body wall muscle, 49
 Neostigmine, 643
Nephila edulis, 639
Nereis diversicolor, 467
 Neural regulation, 39
 Neuroblastoma cell lines, 165
 Neutrophil, 39
 Ni²⁺, 195
 Nickel, 377
 Nicotine, 643
 Nifedipine, 155
 Nitric oxide, 383
 Nitrite, 761
 Nitroarginine methyl ester, 383
 Nitrofurantoin reductase, 579
- p*-Nitrophenol glucuronidation, 241
 Nitroprusside, 443
 Noradrenaline, 125, 383, 463, 545, 699
 Norepinephrine, 275, 457, 635
 NPY, 743
- Octopamine, 275, 457, 555, 643
Octopus vulgaris, 479, 555
 OPA, 765
Oncorhynchus mykiss, 343, 717, 141, 211, 549, 649
Onychiurus armatus, 11
Orchesella cincta, 11
Orthosia gothica, 141
 Ouabain, 195
 Oxygen consumption, 443
- P₂ receptor, 79
 ^{31}P -NMR, 87
P,P'-DDE, 389
 P450, 343
Pagothenia bernacchii, 333
Papilio polyxenes, 111
Paracentrotus lividus, 269
 Parotid gland, 249
 Pb²⁺, 655
 PCr, 87
 PEA, 479
Pecten maximus, 567
Penaeus japonicus, 733
 Perfused heart, 549
Periplaneta americana, 679, 705, 711, 195
 Periplanetin CCI, 679
 Peroxidative changes, 285
 Peroxisome, 211
 PGE₁, 489
 Phasic tension, 377
 Phenylephrine, 59
 Phenylhydrazine, 773
 Phosmet-oxon, 561
 Phosphoinositide, 797
 Phosphoinositide phosphorylation, 561
 Phospholipase C, 249
 Phosphoric triester hydrolases, 765
 Physalaemin, 165
 Picrotoxin, 49
 Pineal gland, 189
 Platelet activating factor, 39
Platichthys stellatus, 141
Pleuronectes vetulus, 141
 Polynuclear aromatic hydrocarbon, 689
Porcellio scaber, 11
Porcellus plasma, 229
Potamotrygon reticulatus, 523
 PP, 743
 PPHT, 555
 Prazosin, 797
 Pro, 699
 Proctolin, 671
 Propranolol, 725
 Prostaglandin synthesis, 389
 Prostaglandins, 489
 Protein kinase C, 649
 Protein metabolism, 529
 Protosynapse, 269
Pseudemys scripta elegans, 155
 PUFA, 211

- Pulmonary inflammation, 39
- Purinergic modulation, 79
- Purinoreceptors, 71
- Putrecine, 483
- PY, 743
- PYY, 743

- Rana esculenta*, 189
- Rangia cuneata*, 809
- Rattus norvegicus*, 141
- Renal enzyme, 769
- Resistance to insecticides, 301
- Respiratory failure, 639
- Respiratory response, 761
- Reticuloendothelial system, 285
- Retina, 189
- RFamide, 49, 359
- Rhythmic activity, 179

- Salicylate, 629
- Saliva, 221
- Salmo salar*, 205
- Scaphechinus mirabilis*, 269
- Schistosoma miracidia, 781
- SDPNFLRFamide, 49
- Sea anemones, 661
- Selenium, 585
- Selenocosmia stirlingi*, 639
- Semicarbazide, 479
- Semiochemicals, 781
- Seneco vulgaris*, 141
- Serotonergic activity, 597
- Serotonin, 269, 457
- Serranus cabrilla*, 757
- Sheep lung, 579
- Smooth muscle, 155
- Somatostatin, 337, 567
- Spermidine, 483
- Spermine, 483
- Starvation, 537
- Stilbene oxide, 753

- Stress, 761
- Stress reactions, 597
- Stress ulcers, 125
- Strongylocentrotus intermedius*, 269
- Substance P, 39
- Superoxide dismutase, 333, 409
- Superoxide, 415

- Testes, 321
- Tetrahymena pyriformis*, 63
- Tetrapeptide sequence, 359
- Thamnophis sirtalis parietalis*, 383
- TMH-ferrocene, 429
- Tocopherol, 237, 415, 237
- Toxicity, 585, 639
- Toxins, 615
- Tribolium freemani*, 457
- Triclabendazole, 805
- TTX, 449
- d-Tubocurarine, 643
- Tyramine, 643

- Uca pugilator*, 321, 739
- UDP-NAGA, 705
- UGT, 241
- Uncoupling protein, 171
- Ureotelic, 733
- Urethane anesthesia, 87

- Valinomycin, 705
- Venoms, 423
- Ventricle strips, 549
- Verapamil, 221, 573

- Water balance, 351

- Xanthotoxin, 111

- YY, 743

- Zn²⁺, 629, 655

AUTHOR INDEX

Vol. 106C, Nos 1-3

- Akanbi, K. 725
 Alaoui, A. 351
 Albergoni, V. 333
 Alcaraz, G. 761
 Alvarez-Bujidos, M. L. 805
 Anctil, M. 1
 Andreu, E. 327
 Andreu-Moliner, E. 437
 Antoine, B. 241
 Atanassova, E. 337
 Atkinson, R. K. 639
 Arousseau, B. 529
 Azevedo, A. D. 221
- Bardisa, L. 473
 Basaglia, F. 773
 Baskali, A. 351
 Batcabe, J. 285
 Befus, A. D. 39
 Berger, K. T. 443
 Bhatnagar, M. K. 769
 Bianciotti, L. G. 545
 Blazsek, J. 249
 Blomqvist, A. G. 743
 Bloomquist, J. R. 301
 Bogé, G. 371
 Bolacchi, F. 229
 Bongiorno, L. 229
 Borrelli, L. 555
 Boutin, J. A. 241
 Boveris, A. 409, 415
 Brátveit, M. 205
 Brochetto-Braga, M. R. 423
 Bryant, C. C. 59
 Buchanan, K. D. 517
 Burnstock, G. 71, 383
- Capasso, A. 555
 Carginale, V. 555
 Carlberg, M. 1
 Cassini, A. 333
 Castillo, J. del 643
 Castrucci, A. M. de L. 523
 Celander, M. 343
 Chaoxian Geng 275
 Chapey, M.-F. 171
 Chen, M. L. 359
 Chiantore, C. 403
 Chiba, A. 87
 Chichibu, S. 87
 Choi, K.-S. 689
 Clemens, E. T. 367
 Colard, C. 567
 Collier, T. K. 141
 Connell, A. 529
 Cook, B. J. 671, 679
 Cruz, C. 395, 495
 Cubría, J. C. 805
 Cucchi, C. 773
- D'Angelo, A. M. P. de 561
 Dan, A. 221
 Darby, P. C. 809
 Dasmahapatra, A. 649
 Dauterman, W. C. 141
 Davie, P. S. 549
 Davison, J. S. 39
 De Loof, A. 103
 Demuynck, S. 467
 Depledge, M. H. 537
 Deschamps, J. R. 765
 Devauchelle, N. 567
 Devi, M. 739
 Devlin, C. L. 573
 Dhainaut-Courtois, N. 467
 Di Giulio, R. T. 809
 Donval, A. 567
 Duffy, L. K. 165
 Düllmann, J. 429
 Dyakonova, T. L. 93
- Eaton, P. 781
 Ebong, S. 483
 Egaas, E. 141
 Ellis, M. S. 689
 Espina, S. 761
 Eto, M. 457
- Fabbri, R. 655
 Fałęcka-Wieczorek, I. 463
 Falls, J. G. 141
 Farkas, W. R. 483
 Favero, M. 333
 Fernandez, B. E. 545
 Fernández-Casalderrey, A. 437
 Ferrando, M. D. 327, 437
 Filho, D. W. 409, 415
 Fingerman, M. 321, 739
 Fløysand, R. 205
 Förlin, L. 343
 Franks, C. J. 49
 Freire-Maia, L. 221
 Fujisawa, Y. 261
 Fujita, T. 119
 Furuse, M. 667
 Fusetani, N. 151
 Futrovsky, S. L. 765
- Gajewski, R. P. 275
 Gallagher, E. P. 809
 Gándara, F. F. de la 125
 García-Sáinz, J. A. 797
 Gatón, J. 125
 Gazzola, C. 443
 George, S. G. 343
 Gesser, H. 549
 Gewecke, M. 503
 Gilardi, E. 229
 Giordana, B. 403

- Giulivi, C. 409
 Gómez-Velez, L. A. 495
 Gonzalez i Anadon, G. 757
 Goubern, M. 171
 Grebelny, S. D. 661
 Griffond, B. 567
 Gutiérrez-Venegas, G. 797
- Halton, D. W. 509, 517
 Handy, R. D. 717
 Hanozet, G. M. 403
 Hashino, Y. 711
 Heinelt, S. 429
 Hirano, M. 119
 Hirashima, A. 457
 Hirigoyenberry, F. 255
 Hirota, H. 151
 Holden-Dye, L. 49
 Holman, G. M. 103
 Holmes, M. J. 615
 Hon-Cheng, Chen 131
 Hosokawa, H. 629, 635
 Huddart, H. 79
 Humphreys-Beher, M. G. 249
 Hunter, R. A. 443
 Hurn, E. 155
- Ibarra-Rubio, M. E. 395, 495
 Ikeda, T. 261
 İscan, M. 579
 d'Istria, M. 189
 Iturri, S. J. 315
- Jackson, T. J. 689
 Järving, I. 489
 Jegou, F. 567
 Jiann-Chu Chen 733
 Johnston, C. F. 509, 517
 Jonnalagadda, S. B. 585
 Jordan, S. A. 769
- Kato, H. 151
 Kato, Y. 195
 Khalid, A. K. 237
 Knight, G. E. 71, 383
 Kobzar, G. 489
 Koch, G. 359
 Kopec-Smyth, K. 765
 Korn, N. 59
 Kovalevskaya, A. M. 661
 Kubota, Y. M. I. 261
 Kurihara, N. 119
- Larhammar, D. 743
 Lassegues, M. 255
 Laury, M.-C. 171
 Leaver, M. J. 343
 Lee, P. C. 649
 Levin, R. J. 449
 Lewis, D. H. 689
 Lewis, R. J. 615
 Lille, Ü. 489
 Loble, G. E. 529
 Lohmus, M. 489
 Lundholm, C. E. 389
- McMurray, G. 509
 McNeel, R. L. 725
 Magner, T. 443
 Mahmud, S. M. 79
 Mahnir, V. M. 661
 Mancinelli, G. 655
 Mardla, V. 489
 Marini, M. 229
 Marolf, C. J. 367
 Marzuki, A. 237
 Mathison, R. 39
 Matsumura, F. 705, 711
 Medina, J. L. 473
 Medina-Campos, O. N. 395
 Melo, A. L. 221
 Mersmann, H. J. 725
 Miki, W. 261
 Milenov, K. 337
 Minakata, H. 261
 Monteleone, P. 189
 Moreteau, B. 351
 Moroz, L. L. 93, 179
- Nachman, R. 103
 Nagabhushanam, R. 321
 Nagano, T. 457
 Nagasawa, H. 295
 Nakagawa, Y. 705, 711
 Nasu, T. 377
 Neal, J. J. 111
 Negro, A. 805
 Netland, J. 141
 Nicotra, A. 479
 Nielsen, P. 429
 Nilsson, G. E. 597
 Nishimura, K. 119
 Nomoto, K. 261
 Nose, T. 261
- Obata, T. 629, 635
 Okimoto, H. 119
 Okumura, J.-i. 667
 Oliveros, H. 473
 Ong, F. B. 237
 Ordóñez, D. 805
 Ortiz, A. I. 805
 Orunesu, M. 655
- Palma, M. S. 423
 Papouchado, M. L. 545
 Parenti, P. 403
 Parisi, E. 555
 Pedraza-Chaverri, J. 395, 495
 Peña, A. 315
 Penrice, W. S. 717
 Pérès, G. 371
 Pereira, M. H. 221
 Pertica, M. 655
 Poppino, J. L. 765
 Portet, R. 171
 Posthuma, L. 11
 Potás, G. M. de 561
 Powell, E. N. 689
 Prasada Rao, P. V. V. 585, 769
 Proost, P. 103
 Proux, J. 351

Pryor, N. W. 671
Punzo, F. 699
Purushotham, K. R. 249

Reddy, P. S. 739
Reinicke, K. 473
Revell, D. K. 529
Roa, A. 473
Rocha, H. J. G. 529
Roche, H. 371
Roda, L. G. 229
Roeder, T. 503
Romanenko, L. A. 661
Rudolph, M. I. 473
Ryan, S. N. 549

S.-Rózsa, K. 419
Sagmanligil, V. 449
Samel, N. 489
Sandvik, M. 141
Santangelo, G. 479
Sargent, J. R. 211
Sarojini, R. 321
Satoh, S. 667
Schoofs, L. 103
Schultz, B. D. 367
Scott-Fordsmand, J. J. 537
Senatori, O. 479
Serino, I. 189
Seymour, J. 255
Sha-Yen Cheng 733
Shamaan, N. A. 237
Sharma, R. 359
Shaw, C. 509, 517
Shibata, H. 377
Shmukler, Yu. B. 269
Shparber, A. 725
Shumilov, U. N. 661
Siest, G. 241
Simpfendörfer, R. 473
Skaare, J. U. 141
Skomp, J. R. 275
Smart, D. 517
Smith, D. S. 643
Söderberg, C. 743
Sparks, T. C. 275
Stenersen, J. 753
Stokke, K. 753
Sugiyama, K. 63
Svendsen, N. O. 141

Takahashi, T. 261
Takeda, N. 63

Takeya, R. 457
Tasca, M. 403
Thomas, J. D. 781
Thurston, R. J. 59
Titow-Stupnicka, E. 463
Tocher, D. R. 211
Top, A. G. Md. 237
Tsukamoto, S. 151
Turlejska, E. 463
Tzong-Shean Chin 131

Ueno, T. 119
Urbani, A. 229
Uściłko, H. K. 463

Vahemets, A. 489
Valantas, J. A. 165
Valasek, Z. 419
Valembos, P. 255
Van Damme, J. 103
Van Straalen, N. M. 11
Vatta, M. S. 545
Velasco, A. 125
Viarengo, A. 655
Vidal, A. M. 643
Villa, M. 403
Visconti, M. A. 523
Voßfeldt, R. 503
Vyas, S. 165

Wade, T. L. 689
Wagner, R. M. 671, 679
Walker, R. J. 49, 359
Wan Ngah, W. Z. 237
Ward, K. B. 765
Washio, H. 195
Watanabe, T. 667
Wells, R. M. G. 549
Winberg, S. 597
Winlow, W. 93, 179
Wright, G. L. 155

Yamaguchi, K. 377
Yamaguchi, T. 195
Yamanaka, Y. 629, 635
Yang, S.-I. 667

Zaman, A. 285
Zaman, K. 285
Zelles, T. 249
Zhao, X. 165
Zumwalt, J. G. 111

